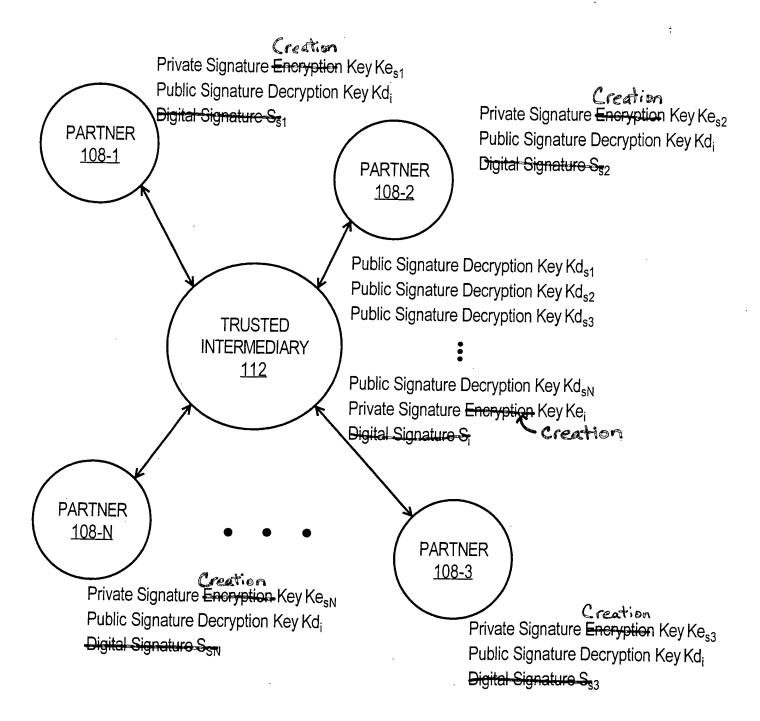
Title: TRUSTED INTERMEDIARY Inventor(s): Sandeep Jain, et al.

Serial No.: 09/754,907; Confirmation No. 2131 Docket No. 53964-0016 FIG. 2A Red Lined Copy



TRADING COMMUNITY 100

FIG. 2A

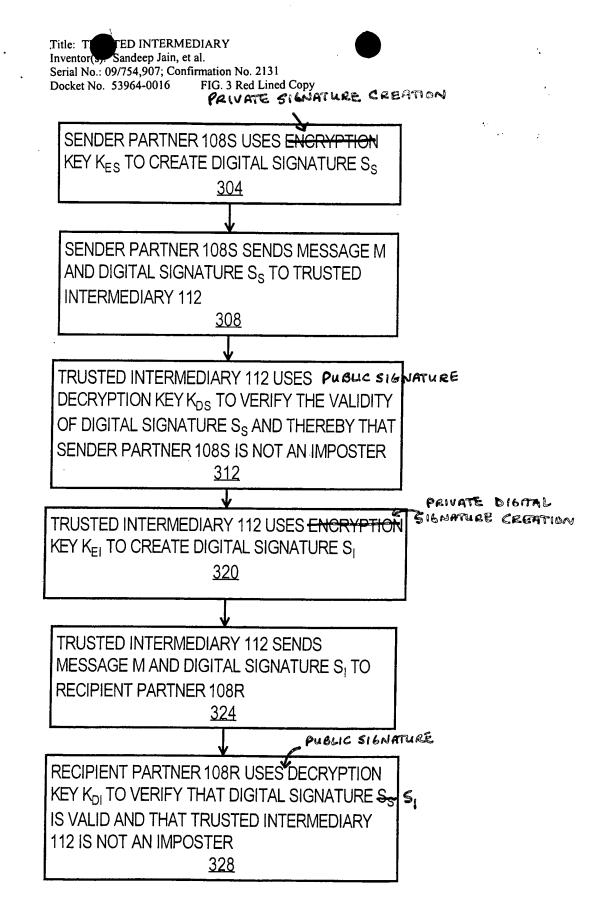


FIG. 3

Title: TRUSTED INTERMEDIARY
Inventor(s): Sandeep Jain, et al.
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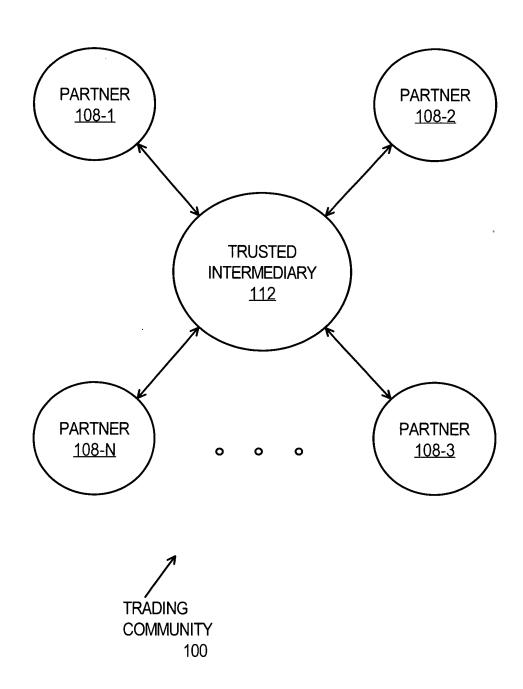


FIG. 1

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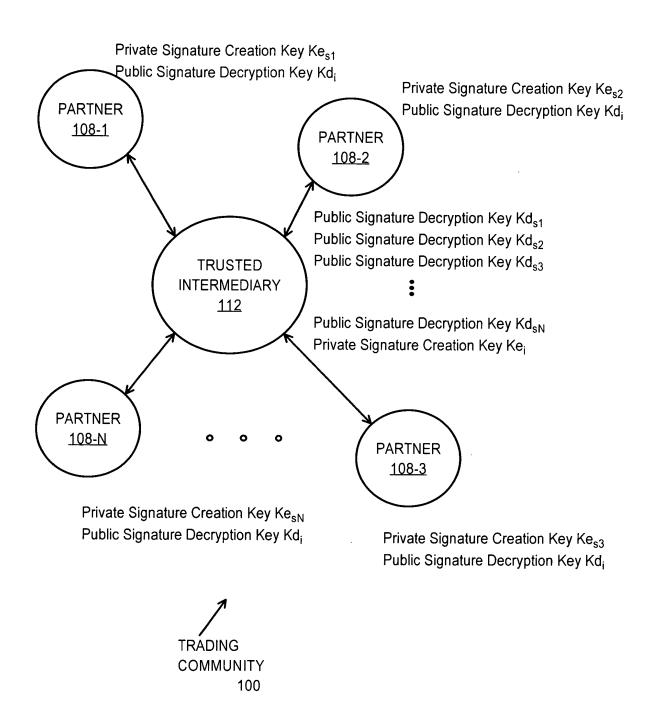
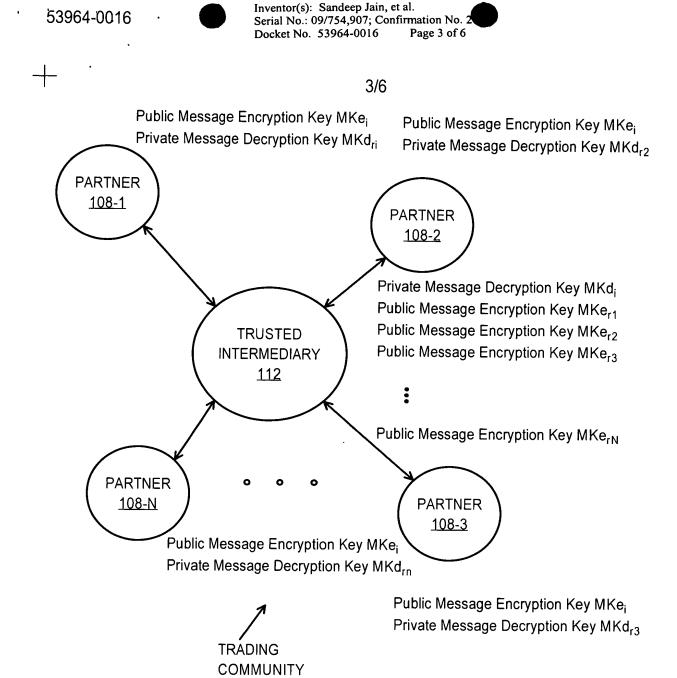


FIG. 2A



Title: TRUSTED INTERMEDIARY

FIG. 2B

100

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SENDER PARTNER 108S USES PRIVATE SIGNATURE CREATION KEY KES TO CREATE DIGITAL SIGNATURE SS 304

SENDER PARTNER 108S SENDS MESSAGE M AND DIGITAL SIGNATURE S<sub>S</sub> TO TRUSTED INTERMEDIARY 112

308

TRUSTED INTERMEDIARY 112 USES PUBLIC SIGNATURE DECRYPTION KEY KDS TO VERIFY THE VALIDITY OF DIGITAL SIGNATURE S<sub>S</sub> AND THEREBY THAT SENDER PARTNER 108S IS NOT AN IMPOSTER 312

TRUSTED INTERMEDIARY 112 USES PRIVATE DIGITAL SIGNATURE CREATION KEY KEI TO CREATE DIGITAL SIGNATURE S<sub>I</sub>

<u>320</u>

TRUSTED INTERMEDIARY 112 SENDS MESSAGE M AND DIGITAL SIGNATURE S<sub>1</sub> TO RECIPIENT PARTNER 108R 324

RECIPIENT PARTNER 108R USES PUBLIC SIGNATURE DECRYPTION KEY KDI TO VERIFY THAT DIGITAL SIGNATURE SI IS VALID AND THAT TRUSTED INTERMEDIARY 112 IS NOT AN IMPOSTER <u>328</u>

FIG. 3

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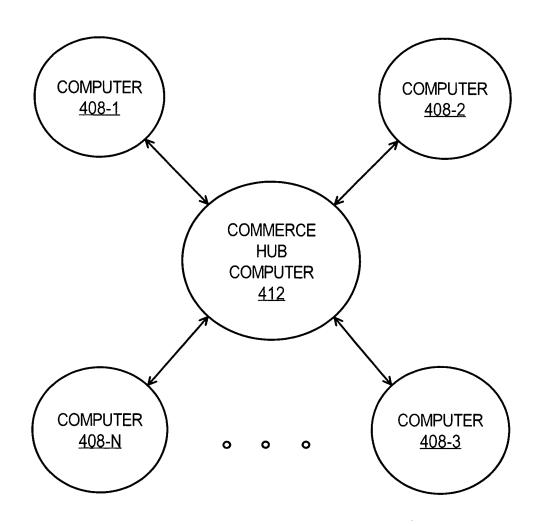


FIG. 4

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